

**CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION OPERATION & MAINTENANCE (O&M) COSTS
BY FACILITY AND/OR COMPONENT FOR FY 2006
2008 IRRIGATION WATER RATES**

<u>Component/Facility/Contractor</u>	<u>O&M and Corp. of Engineers Expense 1/</u>	<u>Project Use Energy Cost 1b/</u>	<u>Total</u>
COSTS TO BE ALLOCATED			
<u>Storage</u>			
American River (0353)	\$44,045.14		\$44,045.14
Black Butte Dam & Reservoir (0214)	476,980.05		476,980.05
Buchanan Reservoir (0214)	(257,686.11)		(257,686.11)
Safety, Security, Law Enforcement (SSLE) (1741)	1,245,384.49		1,245,384.49
Clear Creek Tunnel (0416) & (1910)	15,551.61		15,551.61
Columbia-Mowry System (1785)	144,517.97	\$10,250.52	154,768.49
Delta Cross Channel (0863) & (1910)	39,118.35		39,118.35
Folsom Dam & Reservoir (0353) & (1910)	1,535,959.13		1,535,959.13
Folsom Pipelines (0353)	109,964.42		109,964.42
Folsom Pumping Plant (0353) & (1910)	204,341.18		204,341.18
Folsom Complex (0353)	382,974.78		382,974.78
Folsom Garage (0353)	159,496.92		159,496.92
Folsom Plant Maint Draw (0353)	203,062.60		203,062.60
Friant Dam & Reservoir (1785) & (1910)	1,244,139.51		1,244,139.51
Gianelli, WR Pumping-Generating Plant (0805)	1,599,912.08	3,738,491.35	5,338,403.43
Regenerating Credit		(3,108,437.40)	(3,108,437.40)
San Felipe Unit	(41,405.73)		(41,405.73)
ClairHill, CA Whiskeytown Dam (0416) & (1910)	240,658.82		240,658.82
Hidden Reservoir (0214)	(494,730.73)		(494,730.73)
New Melones Dam & Reservoir (0880) & (1910)	26,570.82	8,969.86	35,540.68
Nimbus Dam & Reservoir (0353 & 1910)	197,406.91		197,406.91
Sacramento River (0725)	373,988.06		373,988.06
San Joaquin River (1785)	182,784.94		182,784.94
Shasta Dam & Reservoir (1741) & (1910)	1,044,753.17		1,044,753.17
Coleman Fish Hatchery (1741) & (1910)	2,768,129.31	19,134.49	2,787,263.80
Sisk, BF San Luis Dam & Reservoir (0805)	1,708,456.25		1,708,456.25
Spring Creek Tunnel (0416)	37.26		37.26
Spring Creek Debris Dam (0416)			
Tri-Dam Tulloch Dam & Reservoir (0880)	21,227.32		21,227.32
Trinity Dam & Reservoir (0416) & (1910)	69,468.20		69,468.20
Total Storage Costs To Be Allocated (Schedule B-5)	\$13,245,106.72	\$668,408.83	\$13,913,515.55
<u>Conveyance and Drainage</u>			
San Luis Drain			
Kesterson Reservoir (0805)	\$243,090.70		\$243,090.70
Total Conveyance and Drainage Costs To Be Allocated (Schedule B-1)	\$243,090.70		\$243,090.70

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COSTS TO BE ALLOCATED			
Direct Costs (Pumping & Other)			
Corning Canal (0725)			
Corning WD Canalside Relift - Power		\$36,261.63	\$36,261.63
Proberta WD Canalside Relift - Power		3,093.95	3,093.95
Cow Creek Unit (0725)			
Wintu-Cow Creek PP - Power/Bella Vista WD		77,303.35	77,303.35
Cross Valley Canal: Dos Amigos PP (0805) & State Delta PP (0863)	5/		
County of Fresno			
County of Tulare			
Hills Valley ID			
Kern-Tulare ID			
Lower Tule River ID - CVC		127,030.00	127,030.00
Pixley ID		127,030.00	127,030.00
Rag Gulch ID			
Tri-Valley ID			
Delta Mendota Canal (0805) San Luis WD Offset			
San Felipe Unit (0805)			
San Benito County WD			
Gianelli, WR PGP	2/	\$12,663.53	91,501.54
Pacheco PP - Power	3/	67,712.45	67,712.45
Santa Clara Valley WD			
Santa Clara WD - Offset (0805)		(32,397.99)	(32,397.99)
Santa Clara WD - Offset (0921)		220,734.38	220,734.38
Coyote PP - Power		36,065.07	36,065.07
Gianelli, WR PGP	2/	28,742.20	207,676.83
Pacheco PP - Power	3/	153,685.83	153,685.83
San Luis Canal - Fresno			
Westlands WD			
Pleasant Valley PP - Power and O&M (0805)		386,360.89	386,360.89
San Luis Relift PP - Power/Pleasant Valley WD (0805)		36,056.71	36,056.71
San Luis Relift PP - Power/Westlands WD (0805)		1,562,014.25	1,562,014.25
Westlands PP (0805)			
Westlands WD - Offset (0805)		113,643.52	113,643.52
San Luis Canal - Tracy			
Panoche WD Canalside Relift - Power (0805)		741.80	741.80
San Luis WD Canalside Relift - Power (0805)		347,839.37	347,839.37
Tehama-Colusa Canal			
Colusa County WD Canalside Relift - Power (0725)		199,385.31	199,385.31
Dunnigan WD Canalside Relift - Power (0725)		2,373.62	2,373.62
Westside WD/GV WD Canalside Relift - Power (0725)		7/	
Kanawha WD Canalside Relift - Power (0725 & 0214)		13,078.29	13,078.29
Orland-Artois WD Canalside Relift - Power (0725)		54,311.88	54,311.88
Westside WD Canalside Relift - Power (0725)		17,002.75	17,002.75
Total Direct Costs (Pumping & Other) To Be Allocated (Schedule B-1)		\$343,385.64	\$3,848,505.42
Subtotal		\$13,831,583.06	\$18,005,111.67
Water Marketing Allocated to all Contractors (Schedule B-4)	1/	\$19,217,849.02	\$19,217,849.02
Total Costs To Be Allocated		<u>\$33,049,432.07</u>	<u>\$37,222,960.68</u>

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<u>Component/Facility/Contractor</u>	<u>O&M and Corp. of Engineers Expense 1/</u>	<u>Project Use Energy Cost 1b/</u>	<u>Total</u>
COSTS TO BE DIRECT BILLED			
<u>Conveyance (Direct Billed)</u>			
Arroyo Passajero (0805)	(\$65,260.58)		(\$65,260.58)
Corning Canal (0725)	7,894.45		7,894.45
Delta Cross Channel (1910)	330,374.30		330,374.30
Delta-Mendota Canal (0863)	19,238.32		19,238.32
Friant-Kern Canal (1785)	16,344.18		16,344.18
Litigation Costs Dev - Jnt Use (0805)	65,260.58		65,260.58
Little Panoche Creek Detention Dam (0805)	(2,369.44)		(2,369.44)
Los Banos Creek Detention Dam (0805)	(572.19)		(572.19)
Madera Canal (1785)	8,583.70		8,583.70
O'Neill Forebay & Dam (0805)	59,633.44		59,633.44
Red Bluff Diversion Dam & PP (0725 & 1910)	330,383.40		330,383.40
San Luis Canal (0805)	92,305.87		92,305.87
San Luis Canal Turnouts (0805)	11,222.00		11,222.00
Stony Creek CHO (0725)	189,416.05		189,416.05
Tehama-Colusa Canal (0725)	27,702.72		27,702.72
Total Conveyance Costs To Be Direct Billed	<u>\$1,090,156.80</u>		<u>\$1,090,156.80</u>
<u>Conveyance Pumping</u>			
Corning Pumping Plant (0725)		66,306.67	66,306.67
Dos Amigos Pumping Plant & Switchyard (0805)	\$1,214.96	6/ 2,834,320.83	2,835,535.79
O'Neill Pumping-Generating Plant (0805)		1,474,317.89	1,474,317.89
Regenerating Credit		70,320.81	70,320.81
State Delta PP - In Lieu of Tracy (0863)		6/ (49,202.44)	(49,202.44)
Tracy Pumping Plant/Intake & Admin Bldg (1910)	28,247.32	8,881,940.72	8,910,188.04
Tracy PP Switchyard & Fish Fac Improv Program (0863)	<u>3,161,802.39</u>		<u>3,161,802.39</u>
Total Conveyance Pumping Costs To Be Direct Billed	<u>\$3,191,264.67</u>	<u>\$13,278,004.48</u>	<u>\$16,469,269.15</u>
<u>Direct Pumping</u>			
Total Direct Pumping Costs To Be Direct Billed			
Total Costs To Be Direct Billed	<u>\$4,281,421.47</u>	<u>\$13,278,004.48</u>	<u>\$17,559,425.95</u>
Grand Total	<u>\$37,330,853.54</u>	<u>\$17,451,533.09</u>	<u>\$54,782,386.63</u>

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Footnotes

1/ Financial Statement Costs are taken from Schedules 19 & 25 of the 2006 CVP Consolidated Financial Statement (F/S). For certain facilities, the power costs have been isolated and shown under "Project Use Energy". FY 2006 O&M Expenses are as follows:

	<u>Joint Expense/ F/S Schedule 25</u>	<u>Expenses Not in F/S Schedule 25</u>	<u>Total Per F/S Schedule 19</u>	<u>Other Adjs. to Expense</u>	<u>Total Expense/ Ratesetting</u>	<u>Direct Billed/ Ratesetting</u>	<u>Alloc. Expenses/ Ratesetting</u>
		1a/		1b/			
Storage	\$13,894,411.32	(\$770,269.81)	\$13,124,141.51	\$789,374.04	\$13,913,515.55		\$13,913,515.55
Carriage	4,264,943.32	(858,413.27)	3,406,530.05	18,001,401.32	21,407,931.37	\$17,559,425.95	3,848,505.42
Water Marketing	18,350,497.15	331,791.10	18,682,288.25	535,560.77	19,217,849.02		19,217,849.02
General & Administrative (includes Kesterson Reservoir)	0.00	14,296,560.02	14,296,560.02	(14,053,469.32)	243,090.70		243,090.70
Non-Reimbursable Expenses	0.00	31,920.62	31,920.62	(31,920.62)	0.00		0.00
Financial Statement Balance	<u>\$36,509,851.79</u>	<u>\$13,031,588.66</u>	<u>\$49,541,440.45</u>	<u>\$5,240,946.18</u>	<u>\$54,782,386.63</u>	<u>\$17,559,425.95</u>	<u>\$37,222,960.68</u>

1a/ Detail of Financial Statement expenses or credits in Schedule 19 but not in Schedule 25:

<u>Storage</u>	<u>General & Administrative</u>	<u>Carriage</u>	<u>Water Marketing</u>
Hidden & Buchanan Reservoirs (0214) (\$752,416.84)	Kesterson Reservoir (0805) \$243,090.70	Corning Canal (725) \$7,894.45	Facility Exams (0214) \$42,299.10
Rehab Trinity Main Imputed (PYA 01-05) (0416) (17,852.97)	PEIS (PYA) (1787) G&A 14,053,469.32	Kesterson Reservoir (0805) 0.00	Capital Equip (PYA) (1786) (43,905.74)
<u>(\$770,269.81)</u>	<u>\$14,296,560.02</u>	SLDMWA Unidentified Offsets (0805) (874,891.42)	PEIS (PYA) (1787) 333,397.74
		Madera Canal (1785) 8,583.70	Total \$331,791.10
		Total <u>(\$858,413.27)</u>	

1b/ Detail of Ratesetting O&M Expense Adjustments to Reconcile with F/S Schedule 19:

<u>Storage:</u>			<u>Non-Reimbursable Expenses</u>
Gianelli PGP San Felipe costs moved to Carriage	(\$41,405.73)		Ability to Pay Reviews (0214) \$4,591.61
Gianelli WR PGP PUE costs (FY 06 Est.)	3,738,491.35		Bad Debt Expense (0214) (209.29)
Gianelli WR PGP Regen Credit PUE costs (FY 06 Est.)	(3,108,437.40)		Other Construction (0859) 378.92
Columbia-Mowry System (1785) moved from Water Marketing	144,517.97		CCWD Alt. Intake (0863) 27,159.38
Columbia-Mowry System PUE Costs (FY 06 Est.)	10,250.52		Total <u>\$31,920.62</u>
Shasta D&R PUE Costs (FY 06 Est.)	19,134.49		
New Melones Dam PUE Costs (FY 06 Est.)	8,969.86		
Rehab Trinity Main Imputed (PYA 2001-2005)	<u>17,852.97</u>	\$789,374.04	
Carriage:			
Gianelli WR PGP costs moved from Storage	\$41,405.73		
Santa Clara Valley WD deficiencies (0805) (FY 2005 costs from M&I)	35,176.63		
Santa Clara Valley WD deficiencies (0921) (FY 2005 costs from M&I)	16,904.39		
SLDMWA Offsets (0921) (FY 2004 costs transferred to M&I)	(3,369.68)		
SLDMWA Offsets (0921) (FY 2005 costs transferred from M&I)	3,509.60		
SLDMWA Offsets (0805) (FY 2006 costs transferred to M&I)	74,690.27		
SLDMWA Offsets (0805) (FY 2006 Other Costs not allocated)	(12,000.00)		
SLDMWA Offsets (0805) (FY 2006 PYA for '04, In FY 2004 Acctg)	786,881.52		
SLDMWA Offsets (0805) (FY 2006 costs transferred from M&I)	71,388.53		
SLDMWA Offsets (0921) (FY 2006 costs transferred from M&I)	203,690.07		
FY 2006 PUE cost estimate	<u>16,783,124.27</u>	\$18,001,401.32	
Water Marketing:			
Columbia-Mowry System (1785) moved to Storage	(\$144,517.97)		
PEIS (Non-reimbursable) PY Adj (FY 1999)	(333,397.74)		
Non-Permanent Contractor Revenues	(100,710.05)		
CFO Adjustment for Foresthill PUD 1c/ 75.58			
BOR-WORKS Amortization Adj FY 2003-2006	<u>1,114,110.95</u>	\$535,560.77	
General & Administrative			
PEIS (Non-reimbursable) PY Adj (FY 1999)	(\$14,053,469.32)	(\$14,053,469.32)	
Non-Reimbursable Expenses	(\$31,920.62)	(\$31,920.62)	
Total Ratesetting O&M Expense Adjustments		<u>\$5,240,946.18</u>	

1c/ Foresthill PUD's share of CFO adjustment for FY 2006 distribution. Ref: IRR Application of CFO/PFR Audit Adj Analysis.Z10.xls

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2/ Determination of FY 2006 Gianelli, WR Pump Generator "Storage and Direct Pumping" costs allocated to the San Felipe Unit are as follows:

	San Felipe Unit (Storage)			All Other Storage Contractors	Total
	Total	Direct Pumping Applicable To Gianelli, WR Pump Generator			
		San Benito	Santa Clara		
2006 Storage Deliveries (A/F)	69,431	21,235	48,196	2,613,278	2,682,709
Ratios	0.02588	0.30584	0.69416	0.97412	1.00000

Allocated Gianelli, WR Pump Generator Costs (Excludes Regeneration Credit) - 2006:

Direct Costs	\$41,405.73	\$12,663.53	\$28,742.20	\$1,558,506.36	\$1,599,912.09
Project Use Costs	\$257,772.64	\$78,838.01	\$178,934.63	\$3,738,491.35	\$3,996,263.99

3/ Allocation of Pacheco Pumping Plant costs - Allocation is based on same water delivery ratios as shown in 2/ above.

Total	San Benito	Santa Clara
\$221,398.28	\$67,712.45	\$153,685.83

Note: Storage Expense Allocation

(The following calculations are provided for use on Schedule of CVP Allocated Irrigation Storage Expense)

	San Felipe Unit		All Other Contractors	Total
	Other Storage Expense	Direct Pumping Gianelli, WR PGP		
Allocated Gianelli, WR PGP Costs: Direct Costs (see Footnote 2/)		\$41,405.73	\$1,558,506.36	\$1,599,912.09
PUE Costs/Excludes Regenerating Credit (see Page 1 of 9) Regeneration Credit			3,738,491.35 (3,108,437.40)	3,738,491.35 (3,108,437.40)
Less: Gianelli, WR PGP Costs Allocated to Direct Pumping		<u>\$41,405.73</u>		(41,405.73)
Subtotal				<u>\$2,188,560.32</u>
Allocated Other Storage O&M Expense	\$303,441.84		11,421,513.39	11,724,955.23
Total Allocable Storage Expense	<u>\$303,441.84</u>		<u>\$13,610,073.70</u>	<u>\$13,913,515.55</u>

4/ Kesterson Reservoir Cleanup Program costs have been charged to Westlands WD through the contractor accountings and will not be direct billed, per agreement with the water district.

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5/ Deliveries are based on information provided by the Central Valley Operations Office. Costs are based on the project use energy allocation process and are provided by MP-3400 and MP-3600. These costs are considered Direct Pumping for the Cross Valley Contractors.

5a/

Cross Valley Canal - Contractor Accounting State Delta Pumping Plant						
Contractors	Deliveries	2006 PUE Costs Estimate Ratio	PUE		PUE Adjustment 2005 True-up	State Delta PP Total (a)
County of Fresno	0	0.00000	0.00		0.00	0.00
County of Tulare	0	0.00000	0.00		0.00	0.00
Hills Valley ID	0	0.00000	0.00		0.00	0.00
Kern-Tulare WD	0	0.00000	0.00		0.00	0.00
Lower Tule River ID	2,469	0.50000	\$155,253.75		(\$44,085.61)	\$111,168.14
Pixley ID	2,469	0.50000	\$155,253.75		(\$44,085.61)	\$111,168.14
Rag Gulch WD	0	0.00000	0.00		0.00	0.00
Tri-Valley WD	0	0.00000	0.00		0.00	0.00
Total	4,938	1.00000	\$310,507.50		(\$88,171.22)	\$222,336.28

5b/

Cross Valley Canal - Contractor Accounting Dos Amigos Pumping Plant						
Contractors	Deliveries	2006 PUE Costs Estimate Ratio	PUE	PUE Adjustment 2005 True-up	Dos Amigos PP Total (b)	Total (a+b)
County of Fresno	0	0.00000	0.00	0.00	0.00	0.00
County of Tulare	0	0.00000	0.00	0.00	0.00	0.00
Hills Valley ID	0	0.00000	0.00	0.00	0.00	0.00
Kern-Tulare WD	0	0.00000	0.00	0.00	0.00	0.00
Lower Tule River ID	2,469	0.50000	\$5,215.69	\$10,646.17	\$15,861.86	\$127,030.00
Pixley ID	2,469	0.50000	\$5,215.69	\$10,646.17	\$15,861.86	\$127,030.00
Rag Gulch WD	0	0.00000	0.00	0.00	0.00	0.00
Tri-Valley WD	0	0.00000	0.00	0.00	0.00	0.00
Total	4,938	1.00000	\$10,431.37	\$21,292.34	\$31,723.72	\$254,060.00

6/ Direct Billed

	PUE Adjustment 2005 True-up Adj	State Delta PP Direct Billed 2006 PUE Estimate	Dos Amigos PP Direct Billed 2006 PUE Estimate	Total
In Lieu of Tracy Contractors - State Delta PP	(\$49,202.44)	0.00		(\$49,202.44)
All Others - Dos Amigos PP	\$551,116.46		\$2,283,204.37	\$2,834,320.83
Total		0.00	\$2,283,204.37	\$2,785,118.39

7/ Glenn Valley WD does not use relift power. They have a gravity feed. Therefore, all PUE costs are allocated to Westside WD.

Sources:

2006 CVP Financial Statement
2006 Water Revenues WAT/FFS Reconciliation
Schedule B-2